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PTO/SB/81 (02-01)

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# **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	To be assigned
Filing Date	H rewith
First Name of Inventor	Carey A. Smith
Title	State-Space Wavefront Reconstructor for Adaptive Optics Control
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	66638/37454

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I am the:



Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name

Signature

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	Attorney Dock t Number	66638/37454
	First Named Inv ntor	Carey A. Smith
	<b>COMPLETE IF KNOWN</b>	
	Application Number	To be assigned
	Filing Date	Herewith
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

State Space Wavefront Reconstructor for Adaptive Optics Control

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicabl ).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐Customer Number  
or Bar Code LabelOR ☒ Correspondence address below**Name** Caroline G. Chicoine**Address** Thompson Coburn LLP, One US Bank Plaza, Suite 3500**City** St. Louis**State** MO**ZIP** 63101**Country** USA**Telephone** 314-552-6499**Fax** 314-552-7499

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and those like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR :**☐ A petition has been filed for this unsigned inventor**Given Name**  
(first and middle (if any)) Carey A. Smith**Family Name**  
or Surname Carey A. Smith**Inventor's**  
**Signature***Carey A. Smith***Date***Aug. 21, 2003***Residence: City** Camarillo**State** CA**Country** USA**Citizenship** USA**Mailing Address** 5234 Meadowridge Ct.**City** Camarillo**State** CA**ZIP** 93012**Country** USA**NAME OF SECOND INVENTOR :**☐ A petition has been filed for this unsigned inventor**Given Name**  
(first and middle (if any))**Family Name**  
or Surname**Inventor's**  
**Signature****Date****Residence: City****State****Country****Citizenship****Mailing Address****City****State****ZIP****Country**☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.